

# Derek Ni

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<https://derekni.com> | <https://github.com/derekni>

## Summary

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Freshman at Cornell University pursuing a Bachelor of Science degree in Computer Science with experience in app development and virtual machines.

## Education

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### Cornell University

College

Majoring in Computer Science and currently taking Object Oriented Programming & Data Structures, Discrete Structures, and Intro to Backend Development.

**Ithaca, New York**

Graduating May 2023

### Thomas Jefferson High School for Science and Technology

High School

**Alexandria, Virginia**

Graduated June 2019

**GPA:** 4.48; **PSAT:** 1510/1520; **SAT:** 1580/1600; **Physics SAT:** 800/800; **Math II SAT:** 800/800

Webmaster of Mobile Apps Club, Captain of Varsity Tennis Team, National AP Scholar, and National Merit Finalist.

## Experience

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### TJ Mobile Apps Club

Webmaster

September 2017 – June 2019

Created and managed the Mobile Apps Club website and coordinated club lessons and activities.

### Southgate GIVE

Center Manager

September 2015 – June 2019

Managed scheduling with the community center, communicated with parents about tutoring, advertised for GIVE (Growth and Inspiration through Volunteering and Education), and supervised tutors.

### Soliel LLC

DevOps Intern

June 2018 – August 2018

Worked with Chef servers on PuTTY using VMware to automate infrastructure processes.

### Hope Chinese School

Game Development Teacher Assistant

September 2016 - June 2017

Taught elementary and middle school students how to code games using Scratch.

### Monster Roll

Employee

January 2018 – July 2019

Part-time job making rolled ice cream and bubble tea.

## Projects

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### TaskTime

iOS app to help users complete to-do tasks by encouraging productivity through a points rewards system.

### HoloNav

HackTJ 2018

App using AR on HoloLens to eliminate the distractions of a phone or GPS by superimposing a GPS on the HoloLens screen to create a safer driving environment.

## Skills & Hobbies

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**Skills:** Java, Swift, Python, JavaScript, and HTML

**Hobbies:** Reading, playing ping pong, watching TV, and skateboarding